

Table 1

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
1	Scene	Possible filter			
1/9	A1	Three wood and fiberglass pieces			
2	Scene	Possible plastic tote lid			
3	Scene	Possible jar			
4	Scene	possible fiberglass with wood and hinges			
5	Scene	Hanger with possible hair			
6	Scene	Charred wood with possible fibers			
7	Scene	Rusty aerosol can			
8	Scene	Rusty aerosol can			
9	Scene	Possible flask, rusty			
10	Scene	Piece of fabric			
11	Scene	Possible plastic, melted			
12	ME	(1) Cellphone: silver Apple iPhone	ref.#8, Sheriff case #19-114261 Packaged in plastic bags with water. IMEI 35441106445369		No such case. If 11426 then Raymond Chan
13	ME	Pink Apple iPhone	ref. # 15, Sheriff case #19-11443 IMEI 35329607033999 (5th digit may be in error)		Beitzinger
14	ME	Apple iPhone with case	ref. # 30, Sheriff case 11448 IMEI 355826083719624		Eva Michel Quintasol
15	ME	Apple iPhone with case and pop socket	ref. # 31, Sheriff case 11449 IMIE 35720709438501		Angela Rose Quintasol
16	Scene	Possible pieces of boat			
17	Scene	Metal cylinder			
18	Scene	One metal can			
19	Scene	Metal canister and possible electrical components			
20	Scene	cellphone with case	IMEI 354841095552369		
21	Scene	Piece of paper with crew list			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
22	Scene	Hero 4 GoPro with case			
23	Scene	Possible electronics			
24	Scene	Possible electronic device			
25	Scene	Squid Light			
26	Scene	Swim step door			
27	Scene	Kidde possible heat sensor			
28	Scene	Charred wood			
29	Scene	Partially charred can			
30	Scene	Tablet w/black case	S / N GG7XK3DFJMXJ		
31	Scene	Portable electronic device			
32	Scene	Cellphone			
33	Scene	Possible electronic device			
34	ME	Assorted wires			
35	ME	Charred wetsuit			
36	ME	Charred wetsuit			
37	ME	Charred material			
38	ME	Charred Junction Box			Why with body? What body?
39	ME	CO2 tank			
40	ME	Discharged Fire Extinguisher			Why with body? What body?
41	ME	Unknown material, melted			
42	ME	Tea bags			
43	ME	Wood, charred			
44	ME	Electric blanket, charred			
45	ME	Allie Kurz Notebook w/ paysstub and note paper			Intact?
46	A	Electronic Device			
47	B	iPad with reddish case			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
48	B	Camera			Intact?
49	B	Cellphone			
50	B	Cellphone with red case			
51	D	Top half of vacuum cleaner			
52	E	Two Light Fixtures			
53	E	Electronic remnants	SBSO Collected.	Item #53 consisted of a fire damaged mass containing fragments of stranded copper wiring and remnants of a printed circuit board. The assembly had damage consistent with heat and flame impingement. No areas of localized differential damage were observed on the PCB, and the mass was observed to contain intact sections of conductors and connectors via radiographic (x-ray) imaging. (EE Abraham)	Charger?
54	E	Electrical Components	SBSO Collected.	Item #54 consisted of a metallic duplex receptacle faceplate that was intact with no evidence of mass loss or arc melting. The associated fire debris with this item was also observed to contain unremarkable fire damaged fragments of PCB and plastic. (EE Abraham)	Charger?
55	E	Electrical Disconnect	Repackaged. Not Collected.	Item #55 consisted of the remnants of a motor starter with no attached cover and connected fragments of stranded copper conductors. The starter was heavily fire damaged but the recovered components and attached wiring had no evidence of electrical activity or failure and the damage was consistent with fire and heat impingement. Within the starter enclosure an 18650-lithium ion battery cell was observed. The battery cell was thermally damaged with the cap missing. The battery was observed to have uniform damage to the contents internally based on radiographic imaging. (EE Abraham)	Ignited battery?
56	E	Charred Plastic	SBSO Collected.		Ductwork?
57	E	Possible scuba equipment parts			
58	E	Air filter			
59	E	Fabric pieces			
60	E	Misc pieces of paper and cloth			
61	E	Plastic bag of fixture switches			
62	E	Various pieces of paper			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
63	E	Two air filters			
64	G	Electrical Panel	NPS Collected	Item #64 consisted of a heavily fire damaged 42-circuit panelboard. Six (6) blanks were observed, with fire damaged circuit breakers in the remaining spaces that were too damaged to make a determination on status. The panel enclosure and conductor points of entry were examined. Arc melting was noted on a stranded copper conductor exiting the top of the panel at a knockout. An examination of the interior of the panel including the enclosure, panel cover, bus bars, points of connection on circuit breakers, and conductors were examined. Arc melting was observed between the large stranded copper feeders within the panel routed along the right hand side of the panelboard interior. (EE Abraham)	NPS = National Park Service?
65	H	Wiring fragments w/electrical artifacts			
66	H	C & D cell batteries			
67	H	Light fixture remains			
68	H	Backer board with mounted component			
69	H	Electric item	NPS Collected	Item #69 consisted of the remnants of an electronic device including portions of a ventilated metallic housing and an intact section of a heating element. Within the housing was a fire damaged printed circuit board (PCB) with no localized area of damage. In addition, a metallic work box and the mounting/ground yoke of a toggle style switch was observed to have no evidence of failure or electrical activity. The remnants of the switch contacts, screw terminals, and connected stranded copper wiring along with a twist on wire connector were also observed to be intact. Fragmented sections of stranded copper conductors were observed to be devoid of insulation with no evidence of electrical activity. (EE Abraham)	NPS = National Park Service? Dyer?
70	H	Electrical junction box			
71	H	Door knob, sink stopper, bracket, one lid shaped metal piece and possible latch			
72	H	Electric motors	NPS Collected		NPS = National Park Service? Needs to be identified
73	H	Possible parts of toilet			
74	H	Metal pieces			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
75	H	Possible diving equipment			
76	H	Twisted and charred fragments			
77	H	Unknown metallic object and gauge			
78	H	Binder ring and container			
79	H	Plastic bags w/paper inside			
80	H	Insulation			
81	K	Electrical control box			
82	K	Electrical control box			
83	K	Four filters large size			
84	K	Battery	FBI Collected	Item #84 consisted of the remnants of a lithium polymer battery cell. There was no outer casing present. The cell was observed to be intact with no differential damage (as confirmed via radiographic imaging).	Unignited LIPo?
85	K	Possible scuba equipment parts			
86	K	Metal cap			
87	K	Misc. pieces of piping			
88	K	Misc. metal parts			
89	K	Unknown container w/wire			
90	K	Electrical box			
91	K	Circuit Board	FBI Collected	Item #91 consisted of the remnants of a printed circuit board. Damage was flame impingement. There was no evidence of localized damage or evidence of failure. (EE Abraham)	
92	K	Tubing			
93	K	Various pieces of paper			
94	K	Misc. small parts			
95	K	Unknown melted items w/wiring			
96	K	Wires			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
97	K	Resolidified masses			
98	K	Misc. Electrical Components	FBI Collected	Packaged w/# 19	
99	L	Pipe			
100	L	Possible scuba equipment parts			
101	L	Manifold			
102	L	Possible cooling coil			
103	L	License plate			
104	L	Top of clipboard			
105	L	Various pieces of paper			
106	M	Large knife			
107	N	Electrical Panel	FBI Collected		
108	A	Knife			
109	B	Two pieces of burn wood			
110	C	Possible pump and filter			
111	C	Electric wires, 3 electrical boxes, electric motor, light fixture, remains of lithium battery, and rope		<p>Item #111 consisted of the following: A four (4) cell pack of 18650 lithium ion batteries that were observed to be intact (confirmed via radiographic imaging). Two (2) 4" x 4" metallic work boxes without covers or contents that exhibited damage consistent with heat and flame impingement and no evidence of electrical activity. Investigators examined a single gang metallic work box with attached 15A duplex receptacle ground yoke and both power rails. Screw terminals, attached fragments of stranded copper wiring, and the components of the receptacle were observed to be intact. Damage to the receptacle was consistent with heat and flame impingement. An intact circular dome light fixture with a broken incandescent lamp in the lamp holder was examined. Fragments of stranded copper wiring devoid of insulation were observed to have no electrical activity. An intact section of non-metallic sheathed cable was observed with the following text labelling: "NMSC Anchor Marine Grade 3 Cord 16AWG (UL) Vessel Cable 600V 105 Degrees C Dry/ Oil Resistant BC- U2 E306583." The remnants of a heat and fire damaged motor rotor had no evidence of failure of electrical activity. (EEAbraham)</p>	See also item 151.

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
112	G	Electrical Starter	NPS Collected	Item# 112 consisted of an electrical housing that may have been a part of a starter, disconnect switch, or contactor assembly. The housing, both inside and outside, fire damaged metallic components, and stranded copper conductors devoid of insulation, were observed to have no evidence of electrical activity or failure. The observed damage was consistent with heat and flame impingement. (EE Abraham)	Galley or bulk air fan?
113	G	Batteries	NPS Collected	Item#113 consisted of two (2) battery packs ,identified by labeling as Mode (No. SPE-002-C Lithium polymer battery packs. The model number indicates they are rechargeable batteries associated with Thermulation brand heated diving under suits. The connector end of the attached cord was thermally severed with the connector portion not present. The battery packs were observed to be intact internally (as confirmed via radiographic imaging). Additionally, five other remnants of lithium polymer battery packs were identified. The outer casings were not present and the observed damage was consistent with heat and flame impingement. (EE Abraham)	NPS = National Park Service? From Lazarette? Ignited?
114	G	Misc. Electrical Components/ Metal	NPS Collected	Item #114 consisted of an intact heating element, fire damaged remnants of an electronic device, and two (2) 4" x.4" metallic work boxes, with one having a metallic cover plate attached. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. (EE Abraham)	Galley stove?
115	I	Receptacle with Wiring	SBSO Collected.	Item#115 consisted of a re-solidified mass with several stranded copper conductors attached and a fire damaged motor winding. The re-solidified mass was observed to contain an intact 15A duplex receptacle ground yoke and both power rails with attached conductors via radiographic imaging. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. (EE Abraham)	
116	K	Rectangular metal piece			
117	L	Small rectangular metal pieces			
118	M	Tank with fittings			
119	N	Knife			
120	O	Portside forward bow door			
121	P	Anchor and line			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
122	Q	Charred Wood Documents, and Green Bic Lighter	SLO collected		Where located and how survived fire?
123	R	Backpack and other charred debris	Not collected, given to victim specialist.		Whose backpack and what condition?
124	R	HVAC Vent			Which one?
125	R	Black Samsung Galaxy S10 with clear case	Came out of item 123		
126	R	Black Samsung Galaxy S10 with clear sparkle case	Came out of item 123		Duplicate entry?
127	S	Charred seat cushion and fabric			
128	T	Electric Panel	FBI Collected	Item #128 consisted of a 20-circuit panelboard. Seven (7) blanks were observed, with fire damaged circuit breakers located within the panel housing. The circuit breakers were too damaged to make a determination on status. The panel enclosure and conductor points of entry were observed to be intact. An examination of the interior of the panel including the enclosure, panel cover, bus bars, points of connection on circuit breakers, and conductors was performed. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. (EE Abraham)	
129	U	Vacuum cleaner			
130	U	Sink parts and wires			
131	W	Anchor			
132	W	Remains of electric motor			
133	W	Wiring attached to metal			
134	W	Receptacle face plates with yokes			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
135	W	Two (2) Batteries and wires	FBI Collected	Item#135 consisted of two batteries and a fragment of stranded copper conductor. The batteries were thermally damaged on the exterior and had dimensions that were approximately 50mm in length and 14mm in diameter. The dimensions and physical characteristics are consistent with a rechargeable AA size cell. One cell was observed to be intact internally and the other was observed to have some differential damage towards the positive end via radiographic imaging. That cell also was observed to have a corresponding physical deformity on that end along the exterior. The observed damage was consistent with mechanical damage and heat and flame impingement. There was no evidence of electrical activity or failure. The conductor was devoid of insulation and had thermal melting at both severed ends. There was no evidence of electrical activity or failure.	Charger?
136	W	Unknown tubular item w/ avaso.com on it			
137	W	Fragments of charred paper and pieces of metal			
138	X	Notebook of Kristy Finstad	Recovered by Alicia Duff. FBI Collected. Duff discussed with ATF Agent Derek Hill who agreed journal could be returned to family via VSRT. Duff reviewed journal with SA Joseph Hamer (case agent) who agreed journal could be returned to family. Duff provided journal to VSRT on 9.18.19		Condition?
139	X	Charred documents	FBI Collected		Presumably with notebook in bunk 33
140	X	Charred documents	FBI Collected. Opened 9/19/19 for USCG review. Resealed by Lindsay Eberhard-Cook		Presumably with notebook in bunk 33. Why USCG interest?
141					
142					
143					
144	Z	Charred wood			
145	Z	Unknown grey material			
146	Z	Misc. parts			
147	AA	Charred wood			
148	BB	Charred pieces of wood and fiber glass			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
149	DD	Possible panel with possible camera	Fish and Wildlife collected		Part of wreckage?
150	DD	Container of goo gone			
151	N	Misc Documents Associated with Truth Aquatics	Split from Item # 111		Where located and how survived fire?
152	EE	Debris with cleat			
153	EE	Debris			
154	EE	Debris		Item # 154 was identified as being the bottom step of the staircase that led from the galley/salon area to the bunkroom.	
155	EE	Debris			
156	EE	Seat pad			
157	EE	Wet pad like substance			
158	EE	Debris			
159	EE	Hardware parts			
160	EE	Oil absorbent pads.			
161	HH	Electrical Panel		Item # 161 consisted of an electrical housing that may have been part of a starter, disconnect switch, or contactor assembly. The housing had no cover attached and had stranded copper conductors entering through knockouts in the enclosure. Remnants of mechanical components were observed within. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. The item also included a 42-circuit panelboard with four (4) large gauge stranded copper feeder conductors attached. Five damaged circuit breakers were located within the panel house in single pole, two pole, and three pole varieties. The circuit breakers were too damaged to make a determination on status. The panel enclosure and conductor points of entry were observed to be intact. An examination of the interior of the panel including the enclosure, panel cover, bus bars, points of connection on circuit breakers, and conductors was performed. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. (EE Abraham)	Engine room?
162	II	Engine block		Generator	
163	JJ	Boat debris			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
164	KK	Black water box (latrines)			
165	KK	Battery		Item #165 consisted of the remnants of an A.A sized alkaline battery that had damage consistent with heat and flame impingement. The battery casing was intact and there was no differential damage internally as observed (confirmed via radiographic imaging). (EE Abraham)	
166	KK	Melted electronics		Item#166 consisted of the remnants of a digital camera within a solidified mass. The internal components were observed to be intact via radiographic imaging. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. (EE Abraham)	Possible simple point and shoot?
167	KK	Burned electronics		Item #167 consisted of the remnants of a cellular phone. The internal components, including battery, were observed to be intact via radiographic imaging. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. (EE Abraham)	
168	KK	Two keys			
169	KK	Two pieces of wire			
170	KK	Piece of metal			
171	KK	Black tube			
172	KK	Battery		AAA Alkaline	
173	KK	Piece of metal			
174	KK	Screw, wood, ring			
175					
176					
177					
178	SK#	Skiff with motor			
179					
180	B1	Flashlight with C cell Alkaline batteries			
181	Bunk Area	Light fixture	Located while ATF sifted debris from quadrant C1		

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
182	Bunk Area	D Cell batteries	Batteries located while ATF sifted debris from quadrant C2	Item #182 consisted of two (2) D-cell size alkaline batteries. The cells were intact and had damage consistent with heat and flame impingement. (EE Abraham)	C2 is port side of bunkroom.
183	Bunk Area	Lithium Ion battery 18650	Batteries located while ATF sifted debris from quadrant C2	Item #183 consisted of an 18650-lithium ion cell identified within a re-solidified mass. It was observed to be intact (as confirmed via radiographic imaging). (EE Abraham)	C2 is port side of bunkroom.
184	Bunk Area	Two (2) Lithium Polymer batteries	Batteries located while ATF sifted debris from quadrant C2	Item #184 consisted of two (2) Lithium Polymer (LiPo) batteries with no external casing. The layers of the battery assembly were observed to be intact (as confirmed via radiographic imaging). (E E Abraham)	C2 is port side of bunkroom.
185	Bunk Area	Compressor			Refrigerator?
186		Light fixture	Potential Biohazard; C2		
187	Bunk Area	9 Volt Battery	Batteries located while ATF sifted debris from quadrant C1	Item #187 consisted of a 9V battery with fire damaged case that was observed to be intact internally (confirmed via radiographic imaging). (EE Abraham)	C1 is starboard side of bunkroom. Smoke detector battery?
188	LL	Possible ceiling material			
189	LL	Possible engine exhaust duct			
190	LL	Wood pieces			
191	LL	Wiring panel section			
192	LL	Coppertube			
193	LL	Bottom bunk with 2 access panels			
194	LL	Pieces of light fixture			
195	MM	Flourescent light fixture	Visually observed by ATF and USCG	Item #195 consisted of a 2' x 4' recessed flourescent lighting fixture that was heavily fire damaged. Lamp holders were not present within the assembly. There was no evidence of failure or electrical activity on the ballast or observable portions of the wiring connected to the fixture. (EE Abraham)	This is probably the fixture that was opposite bunk 5U, occupied by Guiney
196	NN	Crate with vent cover			
197	OO	Shower curtain with flourescent light fixture			
198	Bunk Area	Key with "AC" label			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
199	Bunk Area	Glass jar — possible candle.			
200	Bunk Area	Four (4) C Cell Batteries	Identified while ATF sifted debris from C1 Bunk 5	Item #200 consisted of four (4) NiMH chemistry C-cell batteries with ruptured housings. There was no differential damage internally asobserved (as confirmed via radiographic imaging). This item was recovered in the area of Bunk 5. (EE Abraham)	C1 is starboard side of bunkroom. "Area of Bunk 5" could be 5U and/or 6L
201	Bunk Area	Charred flashlight	Identified while ATF sifted debris from C1 Bunk 5		C1 is starboard side of bunkroom. "Area of Bunk 5" could be 5U and/or 6L
202	Bunk Area	Charred tablet	Identified while ATF sifted debris from C1 Bunk 4. Item was originally melted into additional debris. FBI ERT altered matter and photographed tablet for collection	Item #202 consisted of the remnants of a fire damaged Apple iPad tablet style computer within the remnants of a bag. The internal components, including battery, were observed to be intact (as confirmed via radiographic imaging). The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. This item was recovered in the area of Bunk 4. (EE Abraham)	C1 is starboard side of bunkroom. "Area of Bunk 4" could be 3U and/or 4L
203	Bunk Area	Charred Cell Phone	Identified while ATF sifted debris from C1 Bunk 4	Item#203 consisted of the remnants of an Apple iPhone. The internal components, includingbattery, were observed to be intact (as confirmed via radiographic imaging). The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. This item was recovered in the area of Bunk 4. (EE Abraham)	C1 is starboard side of bunkroom. "Area of Bunk 4" could be 3U and/or 4L
204	Bunk Area	Possible portable speaker	Identified while ATF sifted debris from C1 Bunk 4		C1 is starboard side of bunkroom. "Area of Bunk 4" could be 3U and/or 4L
205	Bunk Area	Lithium Polymer battery	Identified while ATF sifted debris from C1 Bunk 4	Item #205 consisted of a Lithium Polymer (LiPo) battery with no external casing. In addition to the battery, the PCB and electronics associated with two USB A-Type and one Micro-USB type female connectors was observed. The PCB and battery were both identified in the area of bunk 4 and had characteristics consistent with a portable power bank. The layers of the battery assembly and PCB were observed to be intact (confirmed via radiographic imaging). These items were recovered in the area of Bunk 4. (EE Abraham)	C1 is starboard side of bunkroom. "Area of Bunk 4" could be 3U and/or 4L
206	Bunk Area	Various charging cords and wires; and potential circuit board	Identified while ATF sifted debris from C2 Bunk 8	Item #206 consisted of an intact USB to lightning cable, intact wall plug-in AC adapter with DC connector, fragments of PCBs, and fragments of stranded copper wiring. The fragmented artifacts had observed damage consistent with heat and flame impingement and there was no evidence of electrical activity or failure. These items were recovered in the area of Bunk 8. (EE Abraham)	C2 is port side of bunkroom. "Bunk 8" is starboard side aft. The writer could have meant "Bunk 18" which could be 18U or 19L

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
207	Bunk Area	Battery, various electronics	Identified while ATF sifted debris from C2 Bunk 8	Item #207 consisted of a Lithium Polymer (LiPo) battery with no external casing and the remnants of an electronic device PCB. The layers of the battery assembly were observed to be intact (as confirmed via radiographic imaging). The electronic device PCB had observed damage consistent with heat and flame impingement and there was no evidence of electrical activity or failure. These items were recovered in the area of Bunk 8. (EE Abraham)	C2 is port side of bunkroom. "Bunk 8" is starboard side aft. The writer could have meant "Bunk 18" which could be 18U or 19L
208	Bunk Area	Various wires	Identified while ATF sifted debris from C2 Bunk 13	Item #208 consisted of the remnants of a fire damaged electronic device, a CR123 size battery, and fragments of copper wiring. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. These items were recovered in the area of Bunk 7. [sic] (EE Abraham)	C2 is port side of bunkroom. "Bunk 13" (not "7") could be 13U, 14M, or 15L
209	Bunk Area	Battery	Identified while ATF sifted debris from C2 Bunk 11	Item #209 consisted of the remnants of an AA sized alkaline battery that had damage consistent with heat and flame impingement. The battery casing was intact. This item was recovered in the area of Bunk 7. [sic] (EE Abraham)	C2 is port side of bunkroom. "Bunk 11" (not "7") could be 10U, 11M, or 12L
210	Bunk Area	Charred headphones and wires	Identified while ATF sifted debris from C2 aisle	Item #210 consisted of a fire damaged bundled mass of wires and electronic components. The contents were identified (as confirmed via radiographic imaging) and observed to contain a USB to Lightning Cable, a Micro USB Cable, and an intact AC to USB charging adapter, and PAWW brand headphones with charging cable. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. These items were recovered in the area identified as bunk area grid C2 aisle space. (EE Abraham)	C2 is port side of bunkroom.
211	Bunk Area	Coil	C2		
212	Bunk Area	Two metal pieces	C2		
213	Bunk Area	Electronic components	Identified while ATF sifted debris from C2 aisle	Item #213 consisted of the fire damaged remnants of an electronic device. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. These items were recovered in the area identified as bunk area grid C2 aisle space. (EE Abraham)	C2 is port side of bunkroom.
214	Bunk Area	Possible cell phone	Identified while ATF sifted debris from C2 aisle		C2 is port side of bunkroom.
215	Bunk Area	Charred wires	Identified while ATF sifted debris from C2 Bunk 11		

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
216	Bunk Area	Charred wires	Identified while ATF sifted debris from C1 Bunk 1		C1 is starboard side of bunkroom. "Bunk 1" could be 1U or 2L
217	Bunk Area	Charred Batteries	Identified while ATF sifted debris from C2 Bunk 11	Item #217 consisted of fire damaged remains of speakers, four (4) AA sized alkaline batteries, four (4) AAA sized alkaline batteries, one (1) 18650 lithium ion cell, one (1) lithium polymer (LiPo) battery, remnants of a digital camera, and thermally damaged fragments of copper wiring. Battery cell casings were observed to be intact. The internal contents of the batteries, layers of the LiPo battery, and internal components of the camera were observed to be intact via radiographic imaging. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. These items were recovered in the area of Bunk 11. (EE Abraham)	C2 is port side of bunkroom. "Bunk 11" could be 10U, 11M, or 12L
218	QQ	Three charred wood floor pieces			
219	QQ	Two stern stairway pieces			
220	QQ	Steel framing			
221	QQ	Blige hatch covers			
222	QQ	Three wood hatches			
223	QQ	Three large pieces of charred wood.			
224	Shower	Various electronic components			
225	Shower	Plug/duplex receptacle			
226	Shower	Light bulbs			
227	B1	Electrical wires			
228	B1	Starboard battery packs		8D for engine starting	
229					
230	B1	Wiring in solidified mass			
231	Bunk Area	Squid Light Cable	C1 Bunk 6; Item was located while quadrant C was searched by ATF. May be part of item 25 (Squid Light)		Or extension cord? C1 is starboard side of bunkroom. "Bunk 6" could be 5U or 6L. French testimony is that Squid Light cable plugged into an external fixture on the starboard side of the boat. There is no reason for it to be in the bunk room.
232	B1/B2	Hose with valve			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
233	VV	Camera with SIM	Packaged in water to avoid damage		Where is this now? Pictures recovered?
234	WW	Charred vents			
235	WW	Various electric items	Item visually observed by ATV and USCG. Item not packaged due to size/boat reconstruction. Not collected.	Item #235 consisted of the fire damaged remnants of the following items: An electrically driven actuator, a metallic workbox with intact electrical components and fragments of wiring, and a centrifugal fan with attached motor and junction box containing power wiring. The fan's motor windings, power conductors and their transition/points of entry were observed to be intact. An electronic device with remnants of a PCB, a motor starter with intact internal components, and the remnants of a circuit breaker disconnect switch enclosure were also identified. The electronic devices were observed to be intact internally via radiographic imaging. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure on the examined components. (EE Abraham)	The bulk air fan?
236	WW	Fire extinguisher and canisters			
237	XX	Nitrox filters and other misc filters			
238	XX	Ground cable and battery, and electrical box			
239	XX	CO2 bell and equipment			
240	XX	Fuel pump and engine pieces			
241	XX	Light fixture, transformer, and dryer panel			
242	YY	Twenty five tanks			
243	ZZ	Eleven tanks and propane tanks			
244	AAA	Misc electronic components and wiring.	Item visually observed by ATV and USCG. Item not packaged due to size/boat reconstruction. Not collected.	Item #244 consisted of the fire damaged remnants of a computer. The internal components were heavily damaged. Power conductor points of entry were intact and there was no differential damage associated with any components. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure on the examined components. (EE Abraham)	Laptop?
245	AAA	Lazarette flooring			
246	AAA	Water filters			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
247	AAA	Shore tie and nitrox hose			
248	AAA	Flooring			
249	AAA	Water filter			
250	BBB	Various kitchen equipment			
251	BBB	Light fixture			
252	BBB	Engine room storage shelves			
253	BBB	Fan motor	Item visually observed by ATV and USCG. Item not packaged due to size/boat reconstruction. Not collected.	Item #253 consisted of the fire damaged remnants of a centrifugal fan with attached motor and junction box containing power wiring. The fan's motor windings, power conductors and their transition/points of entry were observed to be intact. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure on the examined components. (EE Abraham)	Galley or bulk air fan?
254	CCC	Dive steps			
255	CCC	Charred TV			
256	CCC	Gill grate			
257	CCC	Blue bucket, gas can, plastic cover			
258	CCC	Flooring			
259	CCC	Fan motor and various parts	Item visually observed by ATV and USCG. Item not packaged due to size/boat reconstruction. Not collected.	Item #259 consisted of the fire damaged remnants of a centrifugal fan with attached motor and junction box containing power wiring. The fan's motor windings, power conductors and their transition/points of entry were observed to be intact. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure on the examined components. (EE Abraham)	Galley or bulk air fan?
260	DDD	Wiring	Item visually observed by ATV and USCG. Item not packaged due to size/boat reconstruction. Not collected.	Item #260 consisted of a re-solidified mass with wiring that was observed to be intact via radiographic imaging. The blade receptors of a 15A assembled cord end receptacle was observed to be intact. Severed conductors observed within the mass were observed to be thermally damaged. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure on the examined components. (EE Abraham)	Power strip? Wall wart?
261	DDD	Fans and toaster			
262	DDD	Wood flooring			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
263	DDD	Fridge door			
264	EEE	Flooring/Decking			
264A	EEE	Red colored cooler	Separated from 264		
265	EEE	CO2 pipes			
266	EEE	Water tank			
267	FFF	Batteries	Item visually observed by ATV and USCG. Item not packaged due to size/boat reconstruction. One of two batteries originally photographed as # 267 re-labeled as Item 373, Battery Pack for Bridge.	Item #267 consisted of the fire damaged remains of four (4) 8D sized batteries and associated wiring and connections. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure on the examined components. This bank of four (4) batteries was located along the forward wall of the vessel's engine room on the work bench/holding tank. (EE Abraham)	Note indication that evidence was photographed.
268	FFF	Flooring			
269	FFF	CO2 system (tanks)			
270	Galley	Galley appliances			
271	FFF	Dryer			
272	FFF	Starboard side compressor			
273	FFF	Motor			
274	FFF	Electric grill			
275	FFF	Fan			
276	FFF	Unknown engine room equipment			
277	FFF	Motor and pump			
278					
279					
280					
281					
282					
283					
284	FFF	Port fire station valve and piping			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
285	FFF	Toolbox			
286	A1	Green crates with melted debris			
287	A2	Two green crates, plastic container with wires, green mesh bags with plastic pipe fittings			
288	A3	Hoses			
289	A3	Metal piece			
290	A4	Metal handrail			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
291	A7	Melted Life Jackets with melted masses	Item not packaged but utilized for ATF Reconstruction purposes	<p>ATF EE Abraham reviewed the items that were collected from the area of the lazarette during the examination, excavation and sifting operations. Some items were recovered from within plastic garbage bags located within the space. Items recovered were as follows:</p> <ul style="list-style-type: none"> An intact 2-foot bi-pin fluorescent lamp with no damage. Partially fire damaged remnants of cardboard packaging with legible text identifying it with rechargeable batteries compatible with GoPro brand Hero (2018), Hero 5, Hero 6, and Hero 7 model cameras. Partially fire damaged remnants of cardboard and plastic packaging with legible text identifying it as Energizer Brand 123 size batteries. These are listed as 3V Lithium ion batteries commonly used in cameras. UPC Remnants of a cardboard box with a legible text label identifying it as packaging for a Dodocool Car Diffuser, model DHA02. This is listed as a 12V portable ultrasonic diffuser with a capacity for 70ml of essential oils for aroma diffusion. The unit is rated for 12W and contains a safety cut-off for low liquid level during normal operation. The unit contains LED lighting and an integrated fan for diffusion. Partially fire damaged remnants of cardboard and plastic packaging with legible text identifying it as Energizer Brand AA and A A A rechargeable Nickel-Metal Hydride (Ni-MH) batteries and an Energizer Ni-MH charger. The Energizer "recharge" themed battery packaging and cells contained shades of green/yellow gradient striping. An artifact was identified in grid section A1 and was observed within solidified fire debris. The item was observed to be a threaded coupling via radiographic imaging. The mounting yoke remnants of a toggle switch, two crimp-on spade connectors, and a twist on wire connector with two attached fragment of stranded copper wiring. The artifacts were observed to be intact and have damage consistent with heat and flame impingement and there was no evidence of electrical activity or failure. An 18650-lithium ion cell was recovered from grid section A7. It was observed to be intact via visual and radiographic imaging. 	Section A1 is the starboard side of the lazarette.

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
292	A6	Melted wetsuits, plastic containers and melted masses			
293	A5	Wood and fiberglass pieces			
294	Bunk Area	Melted suitcase with debris	C1 Bunk 5; Item not packaged by utilized for ATF reconstruction purposes. Not collected		C1 is starboard side of bunkroom. "Bunk 5" could be 5U or 6L
295	Bunk Area	Charred wood piece		C1 open space	
296	Bunk Area	Vinyl stair tread covers and cardboard	C2 Bunk 7		Probably mislabeled; should be C1. Bunk 7 could be 7U, 8M, or 9L
297	Shower	Charred wood pieces and melted masses			
298					
299	GGG	Cookbook "100 Perfect Pairings"	Item not collected. Item transferred to VSRT		Significant that it survived.
300	GGG	Two eyeglass cases			
301	GGG	Strand of wire and device with wire.	ATF X-rayed. Item not packaged but set aside for ATF reconstruction purposes.	Item#301 consisted of the remnants of an electronic device and fragment of thermally damaged copper conductors that were devoid of insulation. Internal components of the electronic device were observed to be intact via radiographic imaging. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure on the examined components. (EE Abraham)	Charger?
302	HHH	Blank Journal			
303	III	Apple tablet w/stylus	X-rayed by ATF. Packaged in plastic with water. Item transferred to FBI OTD	Item #303 consisted of the remnants of a fire damaged Apple iPad tablet style computer and stylus. The internal components, including battery, were observed to be intact via radiographic imaging. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. (EE Abraham)	What did they find?
304	III	Portable electronic device	Packaged in plastic with water. Item transferred to FBI OTD		What did they find?
305	III	Camera	Packaged in plastic with water. Item transferred to FBI OTD		What did they find?
306	III	Pieces of possible electronic devices.	Packaged in plastic with water. Item transferred to FBI OTD		What did they find?

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
307	JJJ	Jumbled pile of wires	Item transferred to tan Conex box. Item not packaged but set aside for ATF reconstruction purposes.	Item #307 consisted of a bundle of stranded copper wiring that was devoid of insulation. Observed components included the intact plug blades and ground pin of a stranded copper conductor power cord, bundles of wiring through support clamps, and a fragment of green fabric within the bundle. Arc melting was observed on a large three (3) conductor section of stranded copper conductors. The remainder of observed wiring damage was consistent with that caused by heat and flame impingement. (EE Abraham)	Internal wiring or something else?
308	JJJ	Three light fixtures			
309	JJJ	Electric motors w/wires, blower motor, electrical components	ATF X-rayed part of the extension cord. ATF and QGIS reviewed and did not identify as item of interest. Item set aside for NTSB review and can be discarded if not needed by NTSB. Not collected.	Item #309 consisted of the fire damaged remnants of a centrifugal fan with attached motor and junction box containing power wiring. The fan's motor windings, power conductors and their transition/points of entry were observed to be intact. The remnants of a standalone motor assembly and fragments of copper conductor wiring devoid of insulation. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure on the examined components. (EE Abraham)	Galley or bulk air fan?
310	JJJ	Underwater Flashlight	ATF X-rayed the light. ATF and QGIS reviewed and did not identify as item of interest. Item set aside for NTSB review and can be discarded if not needed by NTSB. Not collected.	Item #310 consisted of the partially fire damaged remnants of an Underwater Kinetics C4 underwater flashlight. The flashlight was observed to be intact internally via radiographic imaging and contained four (4) intact C-cell type alkaline batteries.	Logged only to include in flashlight count
311	Galley	Oven (2 pieces)			
312	Misc.	Deck piece			
313	Misc.	Anchor chain			
314	Heads	Deck + Bathroom (3 pieces)			
315	Misc.	Anchors (2)			
316	Misc.	Kayak racks			
317	Galley	Griddle Top			
318	Misc.	Countertop assembly			
319	Heads	Melted Plastic Container			
320	Misc.	Deck plating			
321	Misc.	Blige panel			
322	Engine	Battery			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
323	Lazarette	Chest Freezer			
324	Misc.	Deck (2 pieces)			
325	Misc.	Deck piece			
326	Misc.	Anchor + Deck Windlass Assy.			
327	KKK	Digital watch	Smart watch and Lipo battery		
328	KKK	Batteries	X-rayed by ATF	<p>Item #328 consisted of several batteries identified as follows (EE Abraham):</p> <ul style="list-style-type: none"> • One (1) Lithium Polymer (LiPo) with intact layers • One (1) LiPo with damaged external layers • Two (2) C-cell size • Four (4) AA size alkaline cells • One (1) AA size alkaline cell • One (1) 18650 lithium ion cell that was observed intact by radiographic image • One (1) cell with dimensions of approximately 26mm by 70mm that was observed intact by radiographic image • Once (1) cell with dimension of approximately 18mm by 50mm that was observed to have a hole in the case • One (1) fragment of a cell with dimensions of approximately 15mm by 20mm 	
329	KKK	iPhone	X-rayed by ATF	<p>Item #329 consisted of the remnants of a cell phone backing plate, and an Apple iPhone. The internal components, including battery, were observed to be intact via radiographic imaging. The observed damage was consistent with heat and flame impingement and there was no evidence of electrical activity or failure. (EE Abraham)</p>	Whose?
330	NNN	Starboard firehose valve			
331	NNN	Deck w/trash and wires			
332	NNN	Deck piece			
333	NNN	Plastic container			

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
334	Misc.	Boat piece			
335	NNN	Camera		Underwater camera housing	
336	NNN	Galley hood and grease trap			
337	NNN	Rail stanchion from sun deck			
338	NNN	Dive tank with valves			
339	NNN	Boat ID number plate			
340	NNN	Dive light			No description or noting of examination
341	OOO	Batteries		<ul style="list-style-type: none"> Item #341 consisted of several batteries identified as follows (EE Abraham): • Two (2) lithium polymer batteries with intact cell layers • Two (2) C-cell size alkaline batteries • One (1) cell with dimension of approximately 30 mm by 65 mm • Seven (7) 18650 - Lithium ion cells • One (1) CR123 size lithium ion cell • Fragments including casings and end caps 	Bag OOO also contained an intact "electronic device" and remnants of a motor
342	KKK	Axe			
343	MMM	Stanchion			
344	MMM	Ship's wheel			
345	MMM	Life float device			
346	MMM	Deck plate			
347	MMM	Bucket remains			
348	LLL	Fire hose coupling			
349	LLL	Head of a lighter			Logged only to include in summary

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
350	LLL	Batteries		<ul style="list-style-type: none"> • Item #350 consisted of several batteries identified as follows (EE Abraham): • Two (2) lithium polymer batteries with intact cell layers • One (1) C-cell size alkaline battery • One (1) AA size alkaline battery • One (1) AA size alkaline battery • One (1) cell with dimension of approximately 20mm by 58mm with no internal contents • The positive half of aCR2032 	Bag MMM contained "Heavily fire damaged remains of a tablet style computer with no battery present "
351					
352					
353					

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
354	SSS	Various Batteries	X-rayed by ATF.	<ul style="list-style-type: none"> • Dive recovery artifact bag SSS contained the following items that were examined (EE Abraham): • Remnants of a cell phone that was observed to have intact internal components via radiographic image • A re-solidified mass that was unremarkable via radiographic image • A re-solidified mass that was observed to contain an electric toothbrush with intact internal components and battery via radiographic image • The batteries associated with Item #354 are as follows: <ul style="list-style-type: none"> • Thirteen (13) LiPo batteries with intact layers • One (1) small LiPo battery with intact layers • One (1) deformed LiPo battery • Five (5) AA size cells • One (1) cell with approximate dimensions of 15mm by 43mm • One (1) intact 18650 lithium ion cell • One (1) mechanically fragmented 18650 lithium ion cell • Three (3) cells with approximate dimensions of 18mm by 40mm • One (1) cell with approximate dimensions of 19mm by 33mm • One (1) C-cell size alkaline battery • Remnants of one (1) electronic board 	What would require 13 batteries?
355	QQQ	Electronic Device [Cell Phone]	X-rayed by ATF at 0923 on 9/24/2019	<p>The observed damage to the above artifacts was consistent with heat and flame impingement and there was no evidence of electrical activity or failure in the examined components.</p>	

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
356	QQQ	Electronic Device [Cell Phone]	X-rayed by ATF.	Dive recovery artifact bag QQQ contained two (2) cellular phones. The internal components, including battery, were observed to be intact (confirmed via radiographic imaging). There was no evidence of electrical activity or failure. The two (2) phones are identified as Items #355 and #356. (EE Abraham)	Whose? S/N visible?
357	TTT	Batteries	X-rayed by ATF.	See Item #363	
358	TTT	Electronic/Camera	X-rayed by ATF.	See Item #363	
359	TTT	Electronic/Camera	X-rayed by ATF.	See Item #363	
360	TTT	Electronic	X-rayed by ATF. Returned on 9/24/2019 by Santa Barbara Coroners Office	See Item #363	
361	TTT	Electronic	X-rayed by ATF.	See Item #363	
362	TTT	Electronic	X-rayed by ATF.	See Item #363	

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
363	TTT	Cellphone charred	X-rayed by ATF.	<p>Dive recovery attract bag TTT contained the following items that were examined:</p> <ul style="list-style-type: none"> • Remnants of two digital camera bodies that were observed to be intact internally by radiographic imaging • A section of copper conductors within a support bracket with damage that may have been arc melting that transitioned to thermal damage due to prolonged exposure to heat and flame impingement • The remnants of a dive camera • Three intact toggle switch mounting yokes. One yoke was stand alone, one was attached to a metallic faceplate, and one was attached to a switch body • One (1) power rail associated with a 15A duplex receptacle with intact screw terminals • One (1) intact electric heating element • Remnants of a USB connector • One (1) intact power rail associated with a three-outlet current tap • One (1) dome style light fixture with no lamp • The batteries associated with Item #357 are as follows: <ul style="list-style-type: none"> • Two (2) LiPo batteries with intact layers observed via radiographic imaging • One (1) cell with approximate dimension of 27mm by 32mm • One (1) cell with approximate dimension of 18mm by 34mm • One (1) D-cell size alkaline battery • Two (2) connected cells with approximate dimension of 15mm by 33mm (CR123?) 	Charger pier?

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
364	UUU	Batteries	X-rayed by ATF. Laying in Connex Box to dry	<p>The batteries associated with Item #364 area as follows:</p> <ul style="list-style-type: none"> • One (1) cell with approximately dimension of 30mm by 67mm • Three (3) C-cell size batteries. One was the internal remnants only of a Ni-MH style cell. • Two (2) LiPo batteries with intact layers • One (1) small LiPo battery with intact layers • Four (4) 18650 lithium ion cells • One (1) 18650 lithium ion ruptured cell • Two (2) AA size cells • One(1) • One (1) cell with approximate dimension of 15mm by 44mm with a hole in the case 	
365					
366	UUU	Cell phone	X-rayed by ATF	<p>Dive recovery artifact bag UUU contained the following items that were examined (EE Abraham):</p> <ul style="list-style-type: none"> • A six-outlet current tap observed to be intact (via radiographic imaging). • A re-solidified mass that was observed to contain intact sections of conductors and connectors (confirmed via radiographic (x-ray) imaging). • A cellular phone with internal components, including battery, that were observed to be intact via radiographic imaging. There was no evidence of electrical activity or failure. • Two (2) flashlights observed to contain intact batteries and components (confirmed via radiographic imaging). 	Charger pile?

Item #	Bag	ATF Description	ATF Note	ATF Comment	Our Comment
367	VVV	Batteries	X-rayed by ATF.	<p>Dive recovery artifact bag VVV contained the following items that were examined (EE Abraham):</p> <ul style="list-style-type: none"> A 15A duplex receptacle mounting or grounding yoke attached to a metallic faceplate with attached fragment of wiring A toggle switch mounting yoke attached to a metallic single gang workbox The batteries associated with Item #367 as follows: <ul style="list-style-type: none"> One (1) cell with approximate dimension of 30mm by 67mm One (1) cell with approximate dimension of 30mm by 62mm with no contents Two (2) 18650 lithium ion cells <p>In total, approximately 127 batteries, including alkaline, Ni-MH and Lithium Ion batteries were recovered during the examination of both the loose debris collected by divers as well as debris located within the remains of the MVV Conception.</p>	
368	SSS	Phone	X-rayed by ATF.	See Item #354	
369	Misc.	Port side rub rail and portion of decking			
370					
371	AAA	Remains of blue bucket and garbage container			
372	XX	Melted plastic crate			